

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known see 37 C.F.R. 1.5)

09/744113

INTERNATIONAL APPLICATION NO.

INTERNATIONAL FILING DATE

(EARLIEST) PRIORITY DATE CLAIMED

PCT/EP00/04517

18 MAY 2000

19 MAY 1999

TITLE OF INVENTION

**METHOD FOR PROVIDING A SUBSTRATE STRUCTURE FOR
ORIENTED NEURITE GROWTH, SUBSTRATE STRUCTURE, AND
DEVICE FOR MONITORING NEURONS**

APPLICANT(S) FOR DO/EO/US

Gabriele NELLES and Akio YASUDA

Applicants herewith submit to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
4. The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 16 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 - A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items or information:

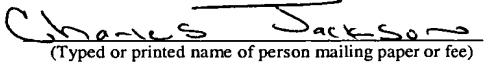
PCT/ISA/210

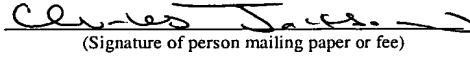
3 Sheets of Drawings

EXPRESS MAILMailing Label Number: EL742665822USDate of Deposit: January 18, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service

"Express Mail Post Office to Addressee" Service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents and Trademarks, Box PCT Washington, DC 20231.


(Typed or printed name of person mailing paper or fee)


(Signature of person mailing paper or fee)

09/744115

(CALCULATIONS /PTO USE ONLY)

17. The following fees are submitted

Basic National Fee (37 CFR 1.492(a)(1)-(5):

Neither international preliminary examination fee (37 CFR 1.482)
 nor international search fee (37 CFR 1.445(a)(2) paid to USPTO
 and International Search Report not prepared by the EPO or JPO \$1,000.00

International preliminary examination fee (37 CFR 1.482) not paid to
 USPTO but International Search Report prepared by the EPO or JPO \$ 860.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but
 International search fee (37 CFR 1.445(a)(2)) paid to USPTO \$ 710.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
 but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$ 690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482)
 and all claims satisfied provisions of PCT Article 33(1)-(4) \$ 100.00

ENTER APPROPRIATE BASIC FEE AMOUNT = (\$ 860.00)

Surcharge of \$130.00 for furnishing the oath or declaration later than 20 30 (\$
 months from the earliest claimed priority date (37 CFR 1.492(e)).

<u>73</u>	Claims	/Number Filed	/	Number Extra	/Rate	(\$)
-----------	--------	---------------	---	--------------	-------	------

Total Claims	/ <u>73</u>	- 20 =	/	<u>53</u>	/X \$18.00	(\$ 954.00)
--------------	-------------	--------	---	-----------	------------	-------------

Independent Claims	/ <u>3</u>	- 3 =	/	<u>0</u>	/X \$80.00	(\$ 000.00)
--------------------	------------	-------	---	----------	------------	-------------

MULTIPLE DEPENDENT CLAIM(S) (if applicable)				<u>+/ \$270.00</u>	(\$)
---	--	--	--	--------------------	------

TOTAL OF ABOVE CALCULATIONS = (\$1,814.00)

Applicant claims small entity status. See 37 C.F.R. 1.27. The fees indicated above
 are reduced by ½. (\$

SUBTOTAL = (\$1,814.00)

Processing fee of \$130.00 for furnishing the English translation later than 20 30 (\$
 months from the earliest claimed priority date (37 CFR 1.492(f)). + (\$

TOTAL NATIONAL FEE = (\$1,814.00)

Fee for recording the enclosed assignments (37 CFR 1.21(h)). The assignment must be (\$
 accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + (\$

TOTAL FEES ENCLOSED = (\$1,814.00)

(Amount to be:
 refunded: \$

(charged: \$

- a. A check in the amount of \$1,814.00 to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0320. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

WILLIAM S. FROMMER
 FROMMER LAWRENCE & HAUG LLP
 745 FIFTH AVENUE
 NEW YORK, NEW YORK 10151

Dated: January 18, 2001


SIGNATURE

William S. Frommer
 NAME

25,506
 REGISTRATION NUMBER

09/744113

JC02 Rec'd PCT/PTO 18 JAN 2001

Attorney Docket No. 450117-03033

New Patent Application filed **January 18, 2001**, entitled:

**METHOD FOR PROVIDING A SUBSTRATE STRUCTURE
FOR ORIENTED NEURITE OUTGROWTH, SUBSTRATE
STRUCTURE, AND DEVICE FOR MONITORING NEURONS**

corresponding to PCT Application No. PCT/EP00/04517

filed May 18, 2000

Express Mail No.: EL742665822US

Date of Deposit: January 18, 2001

I hereby certify that this application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to:

Box PCT
Assistant Commissioner for Patents
Washington, D.C. 20231.

Charles Jackson